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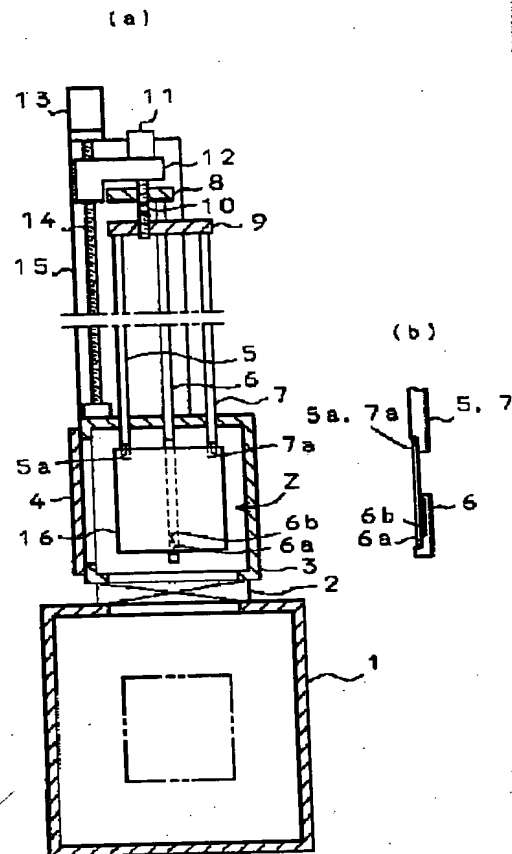
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TITLE : SUBSTRATE CONVEYOR



ABSTRACT : PROBLEM TO BE SOLVED: To rectilinearly convey a substrate inside a chamber directly and precisely without use of a cassette, etc.

SOLUTION: Rods 5, 6, 7 arranged parallel to one another are inserted into an air lock chamber 3, and a substrate 16 is supported by steps 5a, 6a, 7a provided at their respective ends. The rod 6 and the rods 5, 7 are moved in opposite directions by means of clamping driving parts 8, 9, 10, 11 provided outside the air lock chamber 3, to clamp the outer peripheral surface of the substrate 16 with their respective steps 5a, 6a, 7a. The rod 5, 6, 7 thus clamping the substrate 16 are moved integrally in their longitudinal direction by means of conveying driving parts 12, 13, 14, 15 provided similarly outside the air lock chamber 3, whereby the substrate 16 is conveyed inside the air lock chamber 3 and a processing chamber 1 connected to the chamber 3.

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